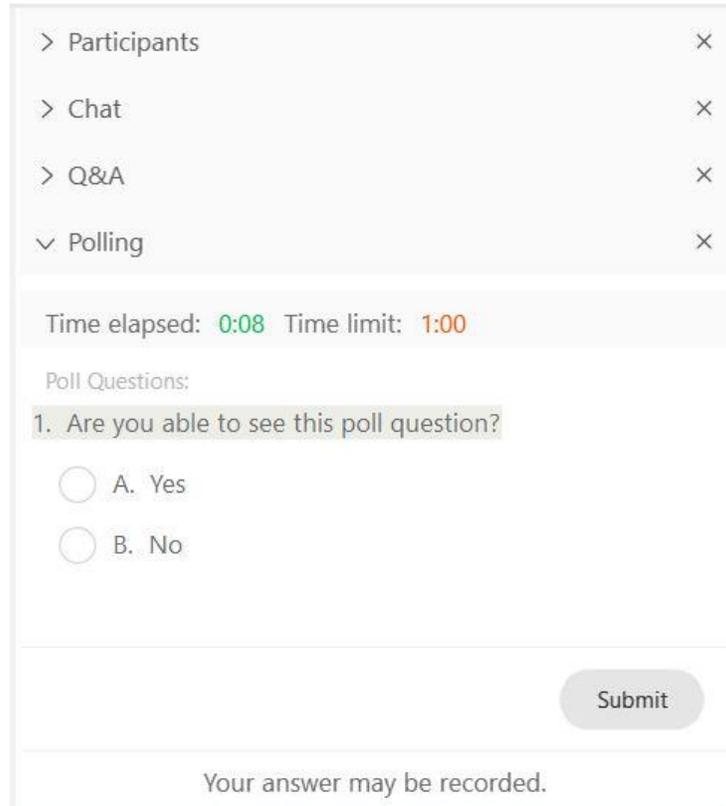


# Future Directions in Cancer Survivorship Research

Deborah K. Mayer, PhD, RN, AOCN, FAAN  
Interim Director, Office of Cancer Survivorship

# Using WebEx and Webinar Logistics

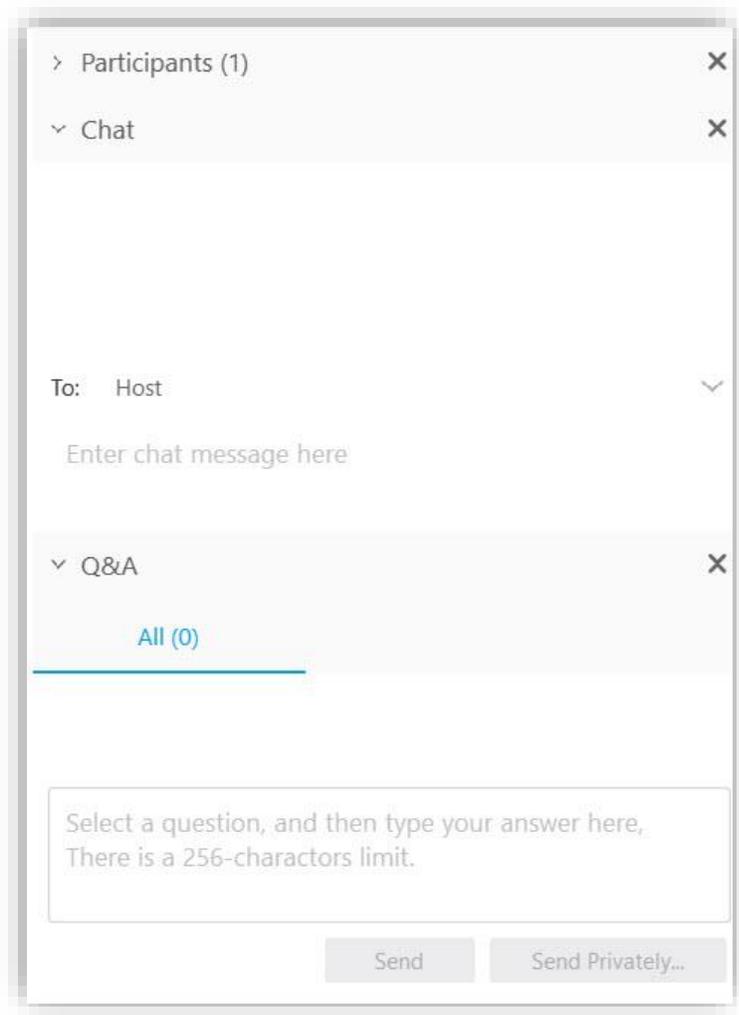


The screenshot shows a sidebar on the left with navigation options: Participants, Chat, Q&A, and Polling. The Polling section is expanded. Below the sidebar, the poll interface displays the following information:

- Time elapsed: 0:08 Time limit: 1:00
- Poll Questions:
- 1. Are you able to see this poll question?
- A. Yes
- B. No
- Submit button
- Your answer may be recorded.

- Questions will appear in the Poll Panel select your answer and hit “submit”
- To provide feedback please type responses into the Chat or Q&A Panel.

# Using WebEx and Webinar Logistics



- All lines will be in listen-only mode
- Submit questions at any time during the presentation. Type into the Q&A or Chat Panel and select Host
- You may need to activate the appropriate box using the floating navigation panel. Found on the center of your screen



- This webinar is being recorded

# Future Directions in Cancer Survivorship Research

Deborah K. Mayer, PhD, RN, AOCN, FAAN  
Interim Director, Office of Cancer Survivorship

*The specific goals of this webinar are:*

*1) to present the research gaps in the recommended components of survivorship care and important next steps that were identified at a recent NCI meeting; and*

*2) to gather feedback on the identified strategic research priorities.*

## Planning Committee

### Internal:

Janet de Moor, PhD, MPH;  
Margaret Farrell, MPH, RD;  
Lisa Gallicchio, PhD;  
Paige Green, PhD, MPH, FABMR;  
Deborah Mayer, PhD, RN, AOCN, FAAN;  
Nicole Saiontz, MHS; and Li Zhu, PhD

### External:

Julia Rowland, PhD  
Catherine Alfano, PhD

Facilitator: Trish Silber, Aliniad

1. *Keynote*
2. *Prevention and surveillance for recurrences and new cancers*
3. *Management of Long-term and Late Effects: Physical*
4. *Management of Long-term and Late Effects: Psychosocial*
5. *Health Promotion*
6. *Care Coordination*
7. *Economic Effects*

# Questions Posed

Pre-reading for group:

Alfano CM, Leach CR, Smith TG, et al. [Equitably Improving Outcomes for Cancer Survivors and Supporting Caregivers: A Blueprint for Care Delivery, Research, Education, and Policy](#). *CA: Cancer J Clin* 2019;69:35-49.

Rowland JH, Gallicchio L, Mollica M, et al. [Survivorship Science at the NIH: Lessons Learned From Grants Funded in Fiscal Year 2016](#). *JNCI J Natl Cancer Inst* (2019) 111(2): djy208.

Kline RM, Arora NK, Bradley CJ, et al. [Long-Term Survivorship Care After Cancer Treatment - Summary of a 2017 National Cancer Policy Forum Workshop](#). *JNCI J Natl Cancer Inst* (2018) 110(12): djy176.

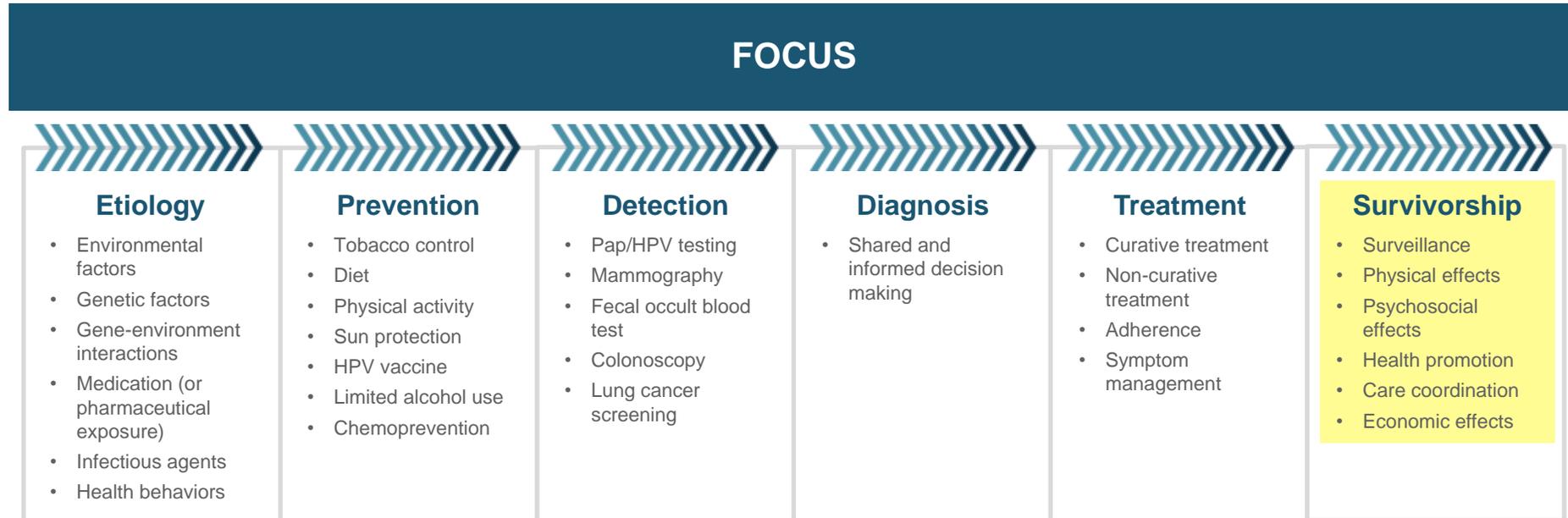
1. *What are the most important gaps in cancer survivorship care research that need to be addressed?*
2. *What are the most important strategic research priorities to address these gaps?*
3. *What are the key next steps to generate meaningful progress soon?*

# Keynote: Kevin Oeffinger, MD Duke University

# Challenges to Survivorship Care

- Number of NIH-funded studies in survivorship care has increased but still low; K awards increased from 20→43 over last 10 years
- Integrating PCP across and throughout cancer care continuum
- Literature exists on impact of treatment exposure on long-term/late effects but small number of intervention studies
- Impact of large volume of survivors in health care delivery
- Shift to value-based care
- Role of risk-stratified follow-up care
- Potential for AHRQ Practice-Based Research Networks (PBRN) in Primary Care and NCI Community Oncology Research Program (NCORP) sites to collaborate?

# THE CANCER CONTROL CONTINUUM



## Cross Cutting Themes

- Reducing disparities in survivorship care
- Exploit existing datasets and studies to include survivorship
- How to leverage technology for measurement and intervention
- Need for multilevel studies while keeping patient-centered
- Implementation into the community
- Risk based stratified models

# Prevention and Surveillance for Recurrences and New Cancers

*Jamie Goldfarb, survivor and research advocate  
Ronald Chen, MD, MPH, University of North Carolina  
Joanne Elena, PhD, MPH, National Cancer Institute*

# Surveillance Research Priorities

- Surveillance schedules
  - Testing optimal frequency, risks and benefits and bundled screening
  - Evidence-based guidelines consistent across organizations
- Reducing disparities among different populations
- Adding longer surveillance for existing, relevant clinical trials
- Enhancing SEER, State Registries and National Cancer Databases

# Survey/feedback question on priorities

- POLL: Would you consider these to be the top strategic research priority in the area?
  - A. Strongly agree
  - B. Somewhat agree
  - C. Neither agree or disagree
  - D. Somewhat disagree
  - E. Strongly disagree
- CHAT: What do you consider to be the top research priority in the area of Prevention and Surveillance for Recurrences and New Cancers?

# Management of Long-Term and Late Effects: Physical

*Craig Lustig, MPA, Lombardi Cancer Center  
Ann Berger, PhD, APRN-CNS, AOCNS, FAAN  
University of Nebraska  
Sandra Mitchell, PhD, CRNP, FAAN  
National Cancer Institute*

# Physical Late/Long-term Research Priorities

- Measurement of symptoms, functional impairments, comorbid conditions and needs as core measures by disease
- Profiles of natural history of late/long-term effects in prevalent cancers
- Frame intervention development using chronic disease model (CDM) as it is multilevel and is patient and family focused at its core and spans risk reduction, rehabilitation and self-management support

# Survey/feedback question on priorities

- POLL: Would you consider these to be the top strategic research priority in the area?
  - A. Strongly agree
  - B. Somewhat agree
  - C. Neither agree or disagree
  - D. Somewhat disagree
  - E. Strongly disagree
- CHAT: What do you consider to be the top research priority in the area of Management of Long-Term and Late Effects: Physical?

# Management of Long-Term and Late Effects: Psychosocial

*Linda House*

*Cancer Support Community*

*Karen Syrjala, PhD*

*Fred Hutchinson Cancer Research Center and*

*University of Washington*

*Paige Green, PhD, MPH, FABMR*

*National Cancer Institute*

# Psychosocial Late/Long-term Research Priorities

- Implementation of psychosocial interventions in real-world settings (e.g. community oncology, primary care) → integration of psychosocial services into existing community systems.
- Prevention and mitigation strategies that include risk-stratification

# Survey/feedback question on priorities

- POLL: Would you consider these to be the top strategic research priority in the area?
  - A. Strongly agree
  - B. Somewhat agree
  - C. Neither agree or disagree
  - D. Somewhat disagree
  - E. Strongly disagree
  
- CHAT: What do you consider to be the top research priority in the area of Management of Long-Term and Late Effects: Psychosocial?

# Health Promotion

*Brittany Avin, PhD(c), survivor and research advocate*

*Johns Hopkins University*

*Karen Basen-Engquist, PhD, MPH*

*MD Anderson Cancer Center*

*Frank Perna, EdD, PhD*

*National Cancer Institute*

# Health Behavior Research Priorities

- Mechanisms and biomarkers for health behaviors
- Integration of existing and emerging technologies for health promotion in cancer survivorship care
- Multi-level research studies addressing health behaviors in cancer survivors

# Survey/feedback question on priorities

- POLL: Would you consider these to be the top strategic research priority in the area?
  - A. Strongly agree
  - B. Somewhat agree
  - C. Neither agree or disagree
  - D. Somewhat disagree
  - E. Strongly disagree
- CHAT: What do you consider to be the top research priority in the area of Health Promotion?

# Care Coordination

*Shelley Fuld Nasso, MPP*

*National Coalition for Cancer Survivorship*

*Shawna Hudson, PhD*

*Robert Wood Johnson Medical School - Rutgers University*

*Michelle Mollica, PhD, MPH, RN, OCN*

*National Cancer Institute*

# Care Coordination Research Priorities

- Identify key outcomes to assess quality care coordination
- What are optimal models to promote risk-based care coordination?
  - What are key strategies to support vulnerable populations?
- How to engage IT in care coordination

# Survey/feedback question on priorities

- POLL: Would you consider these to be the top strategic research priority in the area?
  - A. Strongly agree
  - B. Somewhat agree
  - C. Neither agree or disagree
  - D. Somewhat disagree
  - E. Strongly disagree
- CHAT: What do you consider to be the top research priority in the area of Care Coordination?

# Economic Effects

*Robin Yabroff, PhD  
American Cancer Society  
Janet de Moor, PhD, MPH  
National Cancer Institute*

# Economic Research Priorities

- Longitudinal studies to understand risk factors for financial hardship, employment limitations and other economic effects.
- Studies to understand the impact of financial hardship, employment limitations and other economic effects on functioning, clinical outcomes, quality of life and healthcare utilization.
- Conduct new interventions to address economic effects and leveraging implementation science to ensure effective interventions are disseminated.
- Leverage data infrastructure, linkages, and methods
- Leverage technology to collect data and deliver interventions.

# Survey/feedback question on priorities

- POLL: Would you consider these to be the top strategic research priority in the area?
  - A. Strongly agree
  - B. Somewhat agree
  - C. Neither agree or disagree
  - D. Somewhat disagree
  - E. Strongly disagree
- CHAT: What do you consider to be the top research priority in the area of Economic Effect?

# Next Steps

# Recent NCI Survivorship Funding Announcements

- RFA-CA-19-033: Improving Outcomes for Pediatric, Adolescent and Young Adult Cancer Survivors (U01 Clinical Trial Required)  
<https://grants.nih.gov/grants/guide/rfa-files/RFA-CA-19-033.html>
- RFA CA-19-035: Optimizing the Management and Outcomes for Cancer Survivors Transitioning to Follow-up Care  
<https://grants.nih.gov/grants/guide/rfa-files/rfa-ca-19-035.html>
- Others listed at
  - [https://cancercontrol.cancer.gov/funding\\_apply.html#ocs](https://cancercontrol.cancer.gov/funding_apply.html#ocs)
  - <https://grants.nih.gov/funding/index.htm>



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